

Electronic Acknowledgement Receipt

EFS ID:	2167553
Application Number:	10698501
International Application Number:	
Confirmation Number:	9608
Title of Invention:	Heating MRAM cells to ease state switching
First Named Inventor/Applicant Name:	Heon Lee
Customer Number:	20792
Filer:	Robert N. Crouse/Evelyn Casey
Filer Authorized By:	Robert N. Crouse
Attorney Docket Number:	5649-2226
Receipt Date:	06-SEP-2007
Filing Date:	31-OCT-2003
Time Stamp:	18:48:52
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$180
RAM confirmation Number	3050
Deposit Account	500220

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /zip	Pages (if appl.)
1	Fee Worksheet (PTO-06)	fee-info.pdf	8159 ef9811ead869ad507a11897ad131f9f7d ba1a5d1	no	2

Warnings:

Information:

Total Files Size (in bytes):

8159

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.